

ABSTRACT OF THE DISCLOSURE

A packet transmission method for  
transmitting packets classified according to a  
5 quality of service (QoS) requirement from a  
transmitting node to a receiving node is provided.  
In the transmitting node, the steps of: selecting  
sequentially a QoS class; dividing a queued packet  
to be transmitted belonging to the selected class  
10 into a plurality of predetermined data units, and  
transmitting one of the obtained predetermined data  
units; and applying a transmitter-side  
retransmission control process to the data unit to  
be transmitted when the selected class is a QoS  
15 class specified for data type packets are provided.  
In the receiving node, the steps of: receiving  
sequentially the data units transmitted from the  
transmitting node; assembling a plurality of  
received data units to decompress the original  
20 packet for each QoS class; and applying a receiver-  
side retransmission control process to the received  
data units to be assembled when the received data  
unit belongs to one of the QoS classes specified for  
the data type packets are provided.

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